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The Society of the
Plastics Industry, Inc.

SPI

Monthly Statistical Report-Resins

355 Lexington Avenue
New York, New York 10017
(212) 573-9400

FOR THE MONTH AND PERIOD ENDED MARCH, 1983

PRODUCTION AND SALES & CAPTIVE USE OF THERMOSETTING AND THERMOPLASTIC RESINS

ISSUED BY THE
COMMITTEE ON RESIN STATISTICS

AS COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y.

NOTE TO USERS:

PLEASE USE THE FOLLOWING LEGEND WHEN QUOTING DATA FROM THIS REPORT.

SOURCE: SPI COMMITTEE ON RESIN STATISTICS AS COMPILED BY ERNST & WHINNEY

1983 ISSUE NO. 3
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The figures published in this report are reflective of the relevant segment of the industry. In accordance with SPI policy and regulations of the Committee on Resin Statistics, figures will not be published which tend to identify, directly or indirectly, a participant's individual data. Any figures withheld to avoid disclosure are identified by the letter "D" at the applicable line or space of the report. A line will be identified by a "D" if one company has more than 65% of that line, or if there are less than four companies reporting on that line.

PART 300/400
NON-PART 400/500

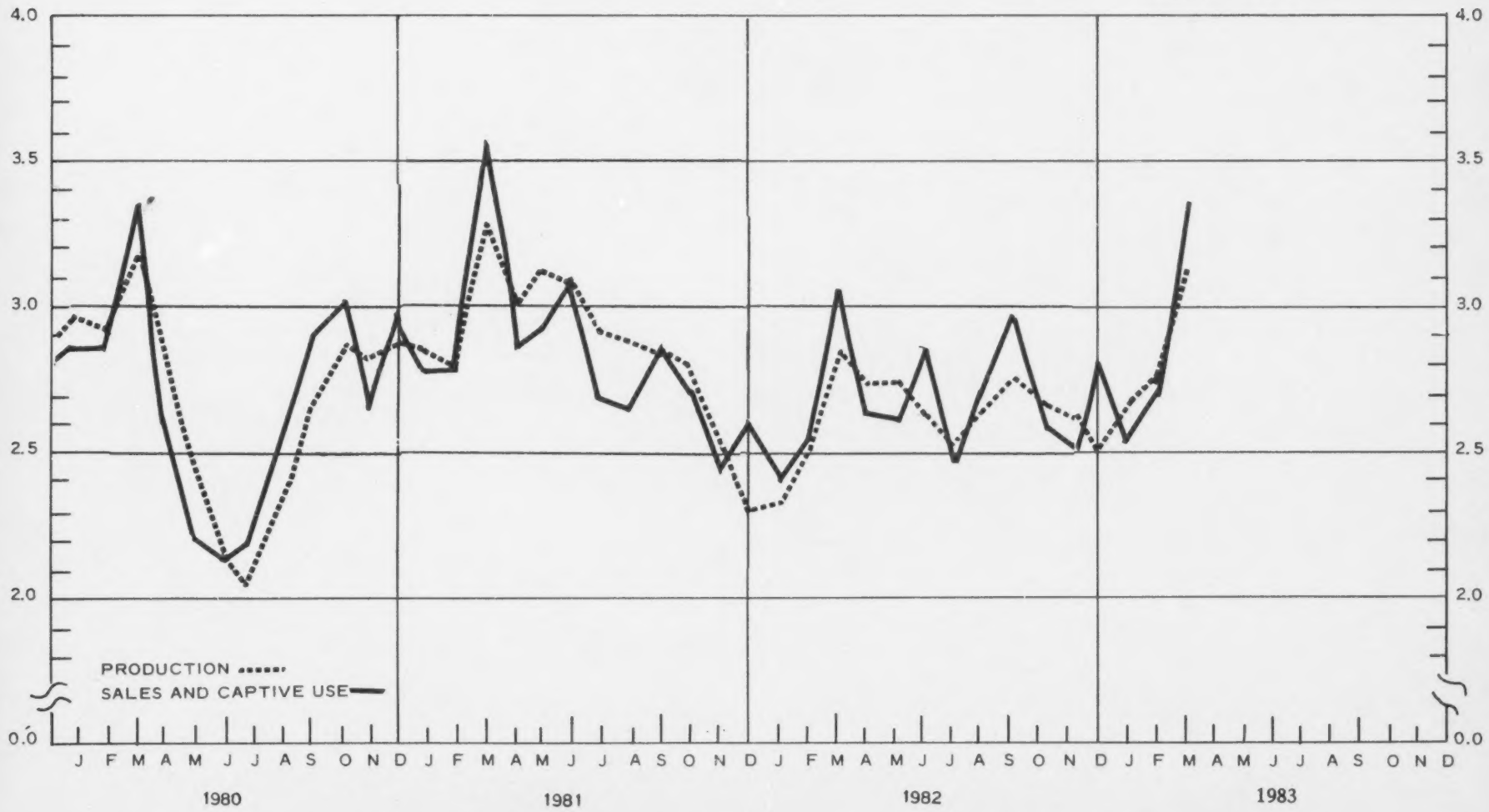
MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

PRODUCTION AND SALES & CAPTIVE USE OF PLASTIC RESINS

(In billion of pounds)

MARCH, 1983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PRODUCTION
SALES AND CAPTIVE USE
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COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

SPI

SECTION I
MONTHLY STATISTICAL REPORT
THE SOCIETY OF THE PLASTICS INDUSTRY, INC.
(In thousands of pounds, dry weight basis) (1)

CRS

Revised MARCH 1983

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	28,351	29,136	-2.7	74,893	79,586	-5.9	36,410	27,884	+30.6	82,352	80,467	+2.3
POLYESTER *(UNSATURATED)* RESINS, TOTAL	86,944	81,910	+6.2	232,506R	217,116	+7.1	88,212	83,471	+5.7	231,284R	221,947	+4.2
UREA RESINS, TOTAL	106,944	84,702	+26.3	275,847	225,079	+22.6	108,327	87,902	+23.2	276,275	232,745	+18.7
MELAMINE RESINS, TOTAL	15,204	15,015	+1.3	42,243	37,957	+11.3	16,244	15,533	+4.6	42,442	41,408	+0.1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	205,190	165,550	+23.9	575,624R	478,214	+20.4	201,355	162,074	+24.2	559,706	462,047	+21.1
THERMOSETTING RESINS, TOTAL	442,633	376,313	+17.6	1,201,113R	1,037,952	+15.7	450,548	376,864	+19.6	1,192,059R	1,038,614	+14.8
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	763,902	763,247	+0.1	1,906,516	1,965,912	-3.0	675,918	673,488	+0.4	1,944,600	1,829,736	+6.3
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	494,447	460,575	+7.4	1,231,024	1,188,998	+3.5	455,522	449,507	+1.3	1,323,871	1,164,477	+13.7
POLYPROPYLENE, TOTAL	373,171	362,087	+3.1	1,035,198	962,564	+7.6	375,264	336,307	+11.6	1,081,095	904,467	+19.5
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	D	D		D	D		D	D		D	D	
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	8,266	6,073	+36.1	22,627	19,585	+15.4	9,625	11,200	-14.1	19,796	29,013	-31.8
OTHER STYRENE BASED POLYMERS, TOTAL *40% or more styrene* (3)	95,884	77,937	+23.0	255,257	209,953	+21.6	101,149	70,622	+43.2	257,462	194,973	+32.0
POLYSTYRENE, TOTAL	322,804	296,549	+8.9	825,287	748,622	+10.2	318,797	278,220	+14.6	798,603	762,133	+4.8
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL *50% or more styrene including styrene butadiene latexes not carboxylated* (4)	62,083	44,721	+38.8	154,219	123,790	+24.6	60,185	41,937	+43.5	160,690	120,872	+32 9
NYLON RESINS, TOTAL	28,089	21,538	+30.4	73,391	61,609	+19.1	25,620	18,969	+35.1	64,312	59,083	+8.9
POLYVINYL CHLORIDE & COPOLYMERS - *(DRY RESIN CONTENT)*, TOTAL	655,809	535,242	+22.5	1,577,724	1,370,759	+15.1	571,878	484,336	+18.1	1,435,620	1,331,781	+7.8
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	68,473	50,898	+34.5	163,753	140,944	+16.2	* 68,473	50,898	+34.5	* 163,753	* 140,944	+16.2
POLYVINYL ALCOHOL, TOTAL #												
OTHER VINYL RESINS, TOTAL	15,026	15,625	-3.8	38,453	44,210	-13.0	19,625	15,902	+23.4	46,344	45,839	+1.1
THERMOPLASTIC POLYESTER, TOTAL	56,450	56,374	+0.1	168,965	157,259	+7.4	57,199	53,204	+7.5	161,114	153,559	+4.9
THERMOPLASTIC RESINS, TOTAL	2,944,404	2,690,866	+9.4	7,452,414R	6,994,205R	+6.5	2,739,255	2,484,590	+10.3	7,457,260	6,736,877	+10.7
GRAND TOTAL	3,387,037	3,067,179	+10.4	8,653,527R	8,032,157R	+7.7	3,189,803	2,861,454	+11.5	8,649,319	7,775,491	+11.2

COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

(1) *Except phenolic resins which are reported on a gross weight basis.*

D = Disclosure
(3) = Includes ABS
(4) = Includes Styrene Butadiene Latexes

= Polyvinyl Alcohol has been deleted on a temporary basis for disclosure reasons.

* = *These data equal that reported for Sales & Captive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual Production of PVAc is significantly higher than that shown here.*

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SPI

CRS

SECTION I

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In metric tons, dry weight basis) (1)

Revised MARCH 1983

RESIN KIND	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	12,860	13,216	-2.7	33,971	36,100	-5.9	16,515	12,648	+30.6	37,355	36,500	+2.3
POLYESTER *(UNSATURATED)* RESINS, TOTAL	39,438	37,154	+6.2	105,464R	98,483	+7.1	40,013	37,862	+5.7	104,909	100,674	+4.2
UREA RESINS, TOTAL	48,509	38,421	+26.3	125,123	102,096	+22.6	49,137	39,872	+23.2	125,318	105,572	+18.7
MELAMINE RESINS, TOTAL	6,896	6,811	+1.3	19,161	17,218	+11.3	7,368	7,046	+4.6	19,252	18,782	+0.1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	93,074	75,093	+23.9	261,101R	216,917	+20.4	91,334	73,516	+24.2	253,881	209,582	+21.1
THERMOSETTING RESINS, TOTAL	200,777	170,695	+17.6	544,820R	470,814	+15.7	204,367	170,944	+19.6	540,715	471,110	+14.8
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	346,504	346,207	+0.1	864,790	891,733	-3.0	306,594	305,492	-0.4	882,065	829,963	+6.3
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	224,280	208,915	+7.4	558,389	539,326	+3.5	206,623	203,895	+1.3	600,504	528,203	+13.7
POLYPROPYLENE, TOTAL	169,269	164,242	+3.1	469,563	436,616	+7.6	170,219	152,548	+11.6	490,381	410,264	+19.5
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	D	D		D	D		D	D		D	D	
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	3,747	2,755	+42.0	10,263	8,884	+15.4	4,366	5,080	-14.1	8,979	13,160	-31.8
OTHER STYRENE BASED POLYMERS, TOTAL *40% or more styrene* (3)	43,493	35,352	+23.0	115,784	95,234	+21.6	45,881	32,034	+43.2	116,784	88,439	+32.0
POLYSTYRENE, TOTAL	146,423	134,514	+8.9	374,348	339,573	+10.2	144,605	126,200	+14.6	362,244	345,702	+4.8
STYRENE BUTADIENE LATEXES, TOTAL *Carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED LATEXES, TOTAL *50% or more styrene including styrene butadiene latexes not carboxylated* (4)	28,161	20,285	+38.8	69,953	56,151	+24.6	27,300	19,022	+43.5	72,889	54,828	+32.9
NYLON RESINS, TOTAL	12,741	9,770	+30.4	33,290	27,946	+19.1	11,621	8,604	+35.1	29,172	26,799	+8.9
POLYVINYL CHLORIDE & COPOLYMERS - *(DRY RESIN CONTENT)*, TOTAL	297,473	242,784	+22.5	715,651	621,772	+15.1	259,402	219,693	+18.1	651,193	604,092	+7.8
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	31,059	23,087	+34.5	74,278	63,931	+16.2	31,059	23,087	+34.5	74,278	63,931	+16.2
POLYVINYL ALCOHOL, TOTAL #												
OTHER VINYL RESINS, TOTAL	6,816	7,087	-3.8	17,442	20,054	-13.0	8,902	7,213	+23.4	21,021	20,792	+1.1
THERMOPLASTIC POLYESTER, TOTAL	25,606	25,571	+0.1	76,642	71,332	+7.4	25,945	24,133	+7.5	73,081	69,654	+4.9
THERMOPLASTIC RESINS, TOTAL	1,335,572	1,220,569	+9.4	3,380,393	3,172,552	+6.5	1,242,517	1,127,001	+10.3	3,382,591	3,055,827	+10.7
GRAND TOTAL	1,536,349	1,391,264	+10.4	3,925,213	3,643,366	+7.7	1,446,884	1,297,945	+11.5	3,923,306	3,526,937	+11.2

For the purpose of this table, one metric ton equals 2,204.6 pounds. On a monthly basis, the calculation of metric tons from thousands of pounds may not agree precisely due to rounding.

D = Disclosure

(3) = Includes ABS

(4) = Includes Styrene Butadiene Latexes

(1) *Except phenolic resins which are reported on a gross weight basis.*

\# Polyvinyl alcohol has been deleted on a temporary basis for disclosure reason.

* = *These data equal that reported for Sales & Cnotive Use to more closely represent the ratio between Total Production and Total Sales & Captive Use. Actual Production of PVAc is significantly higher than that shown here.*

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COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS).

MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOSETTING RESINS

MARCH 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
EPOXY RESINS, TOTAL	28,351	29,136	-2.7	74,893	79,586	-5.9	36,410	27,884	+30.6	82,352	80,467	+2.3
Total Exports	3,141	3,133	+0.3	6,924	9,632	-38.5						
Total Domestic	25,210	26,003	-3.1	67,969	69,954	-2.8						
Bonding & Adhesives	1,445	1,559	-7.4	3,745	4,283	-12.6						
Flooring, Paving & Exposed Aggregate	1,507	1,613	-6.6	4,145	4,124	+0.5						
Protective Coatings	11,092	11,420	-2.9	31,242	32,249	-3.1						
Fiber Reinforced Laminates & Composites, Total	5,742	6,498	-11.6	15,110	17,174	-12.0						
FRL & C for Printed Wiring Board	3,998	*		10,536	*							
All Other FRL & C	1,744	*		4,574	*							
Tooling, Casting & Molding Resins	2,729	2,585	+5.6	7,195	6,775	+6.2						
All Other Uses	2,696	2,328	+15.8	6,532	5,349	+22.1						
POLYESTER *(UNSATURATED)* RESINS, TOTAL	86,944	81,910	+6.2	232,506R	217,116	+7.1	88,212	83,471	+5.7	231,284R	221,947	+4.2
Exports, Total	754	837	-9.9	2,310R	2,423	-4.7						
Domestic, Total	86,190	81,073	+6.3	230,196R	214,693	+7.2						
General Purpose Resins, Total	77,122	71,676	+7.6	204,287R	188,543	+8.4						
General Purpose – Thixotropic	33,010	32,574	+1.3	87,094	84,884	+2.6						
General Purpose – Press Molding	10,688	9,426	+13.4	28,954	24,279	+19.3						
General Purpose – All Other	33,424	29,676	+12.6	88,239R	79,380	+11.2						
Flame Retardant Resins	1,638	1,947	-15.9	4,689R	5,356	-13.4						
Chemical Resistant Resins	7,430	7,450	-0.3	21,220R	20,794	+2.1						
Chemical Resistant Isophthalic Resins	4,571	4,863	-6.0	14,229	14,163	+0.5						
All Other Chemical Resistant Resins	2,859	2,587	+10.5	6,991R	6,631	+5.4						
Reinforced Plastics, Total	64,996	60,890	+6.7	173,555R	161,886	+7.2						
Non-Reinforced Plastics, Total	21,194	20,183	+5.0	56,641R	52,807	+7.3						

COMPILED BY ERNST & WHINNEY, NEW YORK, N. Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

* = Comparable 1982 data not available.

R = Revision

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis) (1)

THERMOSETTING RESINS

MARCH 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
UREA RESINS, TOTAL	106,944	84,703	+26.3	275,847	225,079	+22.6	108,327	87,902	+23.2	276,275	232,745	+18.7
MELAMINE RESINS, TOTAL	15,204	15,015	+1.3	42,243	37,957	+11.3	16,244	15,533	+4.6	42,442	41,408	+0.1
UREA & MELAMINE RESINS, TOTAL	122,148	99,718	+22.5	318,090	263,036	+20.9	124,571	103,435	+20.4	318,717	274,153	+16.3
Total Exports	2,421	1,724	+40.4	5,008	3,622	+38.3						
Total Domestic	119,727	97,994	+22.2	313,082	259,414	+20.7						
Textile Treating & Coating Resins	D	D		D	D		D	D		D	D	
Paper Treating & Coating Resins	5,205	6,613	-21.3	13,989	15,982	-12.5	9,417	6,454	+45.9	26,387	16,635	+58.6
Molding Compounds	6,456	4,385	+47.2	18,175	10,693	+70.0	6,873	4,234	+62.3	21,123	10,634	+98.6
Bonding & Adhesive Resins for:	92,836	75,325	+23.3	236,358	199,855	+18.3	95,073	77,670	+22.4	237,946	205,169	+16.0
Laminating	2,970	2,754	+7.8	7,931	7,509	+5.6	2,917	2,695	+8.2	7,997	7,601	+5.2
Plywood	6,265	6,821	-8.2	15,886	17,078	-7.0	6,412	6,898	-7.1	14,006	17,002	-17.6
Fibrous & Granulated Wood (Particle Board)	83,601	65,750	+27.2	212,541	175,268	+21.3	85,744	68,077	+26.0	215,943	180,566	+19.6
Protective Coatings *(Straight & Modified)*	6,575	5,491	+19.7	18,583	14,882	+24.9	7,701	7,933	-2.9	19,136	20,287	-5.7
All Other Uses *(Includes Textile Treating & Coating Resins)*	8,655	6,180	+40.1	25,977	18,002	+44.3	5,507	7,144	-22.9	14,125	21,428	-34.1
PHENOLIC & OTHER TAR ACID RESINS, TOTAL	205,190	165,550	+23.9	575,624R	478,214	+20.4	201,355	162,074	+24.2	559,706	462,047	+21.1
Total Exports	1,414	1,656	-14.6	3,856	4,401	-12.4						
Total Domestic	203,776	163,893	+24.3	571,768R	473,813	+20.7						
Molding Compounds	21,203	16,739	+26.7	55,722	49,346	+12.9	23,427	19,598	+19.5	60,110	51,325	+17.1
Bonding & Adhesive Resins for:	178,638	143,448	+24.5	504,273R	413,865	+21.8	173,984	138,334	+25.8	487,887	399,812	+22.0
Laminating	13,774	11,781	+16.9	38,505	32,340	+19.1	12,044	9,607	+25.4	31,766	27,115	+17.2
Coated & Bonded Abrasives	2,559	2,236	+14.5	6,591R	7,728	-14.7	2,663	2,269	+17.4	6,589	7,201	-8.5
Friction Materials	2,260	2,420	-6.6	5,812R	6,767	-14.1	2,257	2,310	-2.3	6,146	6,632	-7.3
Insulation Materials	27,219	23,284	+16.9	75,852	78,402	-3.3	25,772	21,888	+17.7	69,820	73,568	-5.1
Foundry & Shell Molding	5,135	5,819	-11.8	14,197	15,996	-11.3	5,226	5,985	-12.7	14,533	16,793	-13.5
Plywood	107,773	80,616	+33.7	297,405	221,693	+34.2	105,634	78,967	+33.8	291,972	216,980	+34.6
Fibrous & Granulated Wood	13,892	10,766	+29.0	46,867	31,280	+49.8	13,733	10,148	+35.3	46,199	30,194	+53.0
Resins Sold to Rubber Industry	2,100	2,183	-3.8	6,168	5,806	+6.2	2,581	2,183	+18.2	7,631	6,036	+26.4
All Other	3,936	4,343	-9.4	12,876R	13,853	-7.1	4,074	4,977	-18.1	13,231	15,293	-13.5
Protective Coatings – Unmodified & Modified	1,691	1,634	+3.5	4,755	4,960	-4.1	1,344	1,969	-31.7	4,493	5,088	-11.7
# Resins Sold to Rubber Industry, Non-Adhesive Uses	D	D		D	D		D	D		D	D	
All Other Uses #	2,234	2,073	+7.8	7,018	5,642	+24.4	2,600	2,173	+19.7	7,216	5,822	+23.9

(1) *Except phenolic resins which are reported on a gross weight basis.*

D = Disclosure
R = Revision

 # = Due to Disclosure Problem, All Other Uses includes Resins Sold to Rubber Industry, Non-Adhesive Uses.

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MARCH 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
LOW-DENSITY POLYETHYLENE 0.940 & BELOW, TOTAL	763,902	763,247	+0.1	1,906,516	1,965,912	-3.0	675,918	673,488	+0.4	1,944,600	1,829,736	+6.3
Exports, Total	79,737	95,238	+16.3	210,065	316,944	-33.7						
Domestic, Total	684,165	668,009	+2.4	1,696,451	1,648,968	+2.9						
Film *(12 Mils & Below)*	440,955	436,904	+0.9	1,091,752	1,052,407	+3.7						
Sheet *(Over 12 Mils)*	1,771	2,457	-27.9	3,340	5,137	-35.0						
Injection Molding	60,437	50,319	+20.1	139,839	119,234	+17.3						
Wire & Cable	28,069	27,448	+2.3	76,981	80,401	-4.2						
Extrusion Coating	51,644	53,042	-2.6	133,592	144,744	-7.7						
Blow Molding	3,072	4,305	-28.6	7,834	11,354	-31.0						
Pipe & Conduit, Total	D(1)	D(1)		D(1)	D(1)							
Corrugated Pipe & Conduit	D	*		D	*							
Non-Corrugated Pipe & Conduit	D	*		D	*							
Other Extruded Products	4,518	4,948	-8.7	12,192	11,617	+5.0						
All Other Uses	93,699	88,586	+5.8	230,921	224,074	+3.1						
HIGH-DENSITY POLYETHYLENE ABOVE 0.940, TOTAL	494,447	460,575	+7.4	1,231,024	1,188,998	+3.5	455,522	449,507	+1.3	1,323,871	1,164,477	+13.7
Exports, Total	89,479	55,002	+62.7	215,156	134,611	+59.8						
Domestic, Total	404,968	405,573	-0.2	1,015,868	1,054,387	-3.7						
Film *(12 Mils & Below)*	27,702	26,198	+5.7	77,711	72,156	+7.7						
Sheet *(Over 12 Mils)*	6,569	6,340	+3.6	18,573	16,430	+13.0						
Injection Molding	99,410	110,384	-9.9	241,434	264,774	-8.8						
Wire & Cable	11,747	10,096	+16.4	29,493	29,180	+1.1						
Extrusion Coating	D(2)	D(2)		D(2)	D(2)							
Blow Molding	149,670	157,226	-4.8	401,756	428,294	-6.2						
Pipe & Conduit, Total	44,536	36,040	+23.6	89,038	90,408	-1.5						
Corrugated Pipe & Conduit	20,762	*		40,331	*							
Non-Corrugated Pipe & Conduit	23,774	*		48,707	*							
Other Extruded Products	2,495	3,362	-25.8	7,886R	9,806	-19.6						
All Other Uses	62,839	55,927	+12.4	149,977R	143,339	+4.6						

D = Disclosure
R = Revision
(1) = Included in All Other Uses
(2) = Included in Other Extruded Products

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* = Comparable 1982 data not available.

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MARCH 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
POLYPROPYLENE, TOTAL	373,171	362,087	+3.1	1,035,198	962,564	+7.6	375,264	336,307	+11.6	1,081,095	904,467	+19.5
Exports, Total	79,817	62,301	+28.1	210,743	177,351	+18.8						
Domestic, Total	293,354	299,786	-2.2	824,455	785,213	+5.0						
Injection Molding	105,045	109,367	-4.0	296,248	279,484	+6.0						
Appliances	7,551	6,651	+13.5	22,336	18,537	+20.5						
Consumer Products	28,914	30,456	-5.1	77,236	73,392	+5.2						
Rigid Packaging	31,688	30,229	+4.8	87,260	75,096	+16.2						
Transportation	19,492	16,191	+20.4	61,483	45,752	+34.4						
All Other Injection Molding	17,400	25,840	-32.7	47,933	66,707	-28.1						
Blow Molding	6,303	7,768	-18.9	19,587	18,355	+6.7						
Containers	D	D		D	D							
All Other Blow Molding	D	D		D	D							
Film *(10 Mils & Below)*	30,201	29,145	+3.6	87,035	81,873	+6.3						
Sheet *(Over 10 Mils)*	2,228	1,131	+97.0	5,945	3,276	+81.5						
Extrusion Coating	D	D		D	D							
Wire & Cable	D	D		D	D							
Fiber & Filaments	91,781	83,467	+10.0	263,827	238,438	+10.6						
Pipe & Conduit	D	D		D	D							
Other Extruded Products #	9,951	9,557	+4.1	25,126	24,031	+4.6						
Resellers & Compounders	32,477	*		85,861R	*							
All Other Uses	15,368	59,351	n.c.	40,826R	139,756	n.c.						

COMPILED BY ERNST & WHINNEY, NEW YORK, N.Y. FOR SPI'S COMMITTEE ON RESIN STATISTICS (CRS)

D = Disclosure
R = Revision

 # = Includes Ext. Coating, Wire & Cable, Pipe & Conduit

* = Comparable 1982 data not available

n.c. = Not comparable

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THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MARCH 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
ACRYLONITRILE-BUTADIENE-STYRENE *(ABS)* RESINS, TOTAL	D	D		D	D		D	D		D	D	
Total Exports												
Total Domestic												
Electrical & Electronic Uses												
Pipe, Conduit & Fittings												
Transportation												
Consumer & Institutional												
All Other Uses												
STYRENE-ACRYLONITRILE *(SAN)* RESINS, TOTAL	8,266	6,073	+36.1	22,627	19,585	+15.5	9,625	11,200	-14.1	19,796	29,013	-31.8
Total Exports	768	510	+50.6	2,371	1,886	+25.7						
Total Domestic	7,498	5,563	+34.8	20,256	17,699	+14.4						
OTHER STYRENE BASES POLYMERS, TOTAL *40% or more styrene* (3)	95,884	77,937	+23.0	255,257	209,953	+21.6	101,149	70,622	+43.2	257,462	194,973	+32.0
Export, Total	10,662	9,445	+12.9	23,440	20,842	+12.5						
Domestic, Total	85,222	68,492	+24.4	231,817	189,111	+22.6						
Molding & Extrusion	80,058	*		217,595	*							
Coatings	5,164	*		14,222	*							
POLYSTYRENE RESINS, TOTAL	322,804	296,549	+8.9	825,287	748,622	+10.2	318,797	278,220	+14.6	798,603	762,133	+4.8
Straight Polystyrene	161,211	155,116	+3.9	422,258	390,086	+8.3	165,832	148,847	+11.4	425,675	394,768	+7.8
Rubber-Modified Polystyrene	161,593	141,433	+14.3	403,029	358,536	+12.4	152,965	129,373	+18.2	372,928	367,365	+1.5
Exports, Total	9,257	10,847	-14.7	21,314	22,666	-6.0						
Straight Polystyrene	4,669	6,332	-26.3	11,049	13,595	-18.7						
Rubber-Modified Polystyrene	4,588	4,515	+1.6	10,265	9,071	+13.2						
Domestic, Total	313,547	285,702	+9.8	803,973	725,956	+10.8						
Molding	125,847	130,203	+3.4	330,264	317,675	+4.0						
Extrusion	111,991	101,051	+10.8	289,301	256,165	+12.9						
Expandable Polystyrene Beads	36,197	35,813	+1.1	99,573	96,791	+2.9						
All Other Uses	39,512	18,635	+112.0	84,835	55,325	+53.3						
Polystyrene End uses, Total **	313,547	285,702	+9.8	803,973	725,956	+10.8						
Packaging	74,212	93,265	-20.4	192,019	236,527	+18.8						
Disposables	44,025	*		110,677	*							
Consumer and Institutional Products	47,317	64,732	-26.9	119,722	150,101	-20.2						
Electrical/Electronics	24,037	25,487	-5.7	77,462	66,625	+16.3						
Furniture, Furnishings, Building and Construction	14,495	15,909	-8.9	37,161	38,420	-3.3						
Expandable Polystyrene Beads	36,197	35,813	+1.1	99,573	96,791	+2.9						
All Other End Uses	73,264	50,496	+45.1	167,359	137,492	+21.7						

D = Disclosure

(3) = Includes ABS

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** = *Portions of the End Use Section are Estimated.*

* = Comparable 1982 data not available

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS

MARCH 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
STYRENE BUTADIENE LATEXES, TOTAL *carboxylated, 45% styrene content and over.*	D	D		D	D		D	D		D	D	
OTHER STYRENE BASED, LATEXES, TOTAL *50% or more styrene including butadiene latexes not carboxylated.*	D	D		D	D		D	D		D	D	
STYRENE BUTADIENE & OTHER STYRENE BASED LATEXES, TOTAL ***	62,083	44,721	+38.8	154,219	123,790	+24.6	60,185	41,937	+43.5	160,690	120,872	+32.9
Paper Treating	2,698	2,176	+24.0	7,250	6,370	+13.8						
Textile Treating	1,708	1,086	+57.3	4,527	4,342	+4.3						
Carpet Backing	27,788	17,634	+57.6	63,091	47,549	+32.7						
All Other Uses (Including Exports & Paper Coating)	29,889	23,825	+25.5	79,351	65,529	+21.1						
NYLON RESINS, TOTAL	28,089	21,538	+30.4	73,391	61,609	+19.1	25,620	18,969	+35.1	64,312	59,083	+8.9
Total Exports	1,950	1,619	+20.4	4,733	3,991	+18.6						
Total Domestic	26,139	19,919	+31.2	68,658	57,618	+19.2						
Injection Molding Grade	16,234	12,366	+31.3	42,639	34,451	+23.8						
Extrusion Grade	7,964	5,974	+33.3	21,494	17,760	+21.0						
Resellers and Compounders	1,450	987	+46.9	3,153	3,962	-20.4						
All Other Uses	491	592	-17.1	1,372	1,445	-5.1						

*** - *Old disclosure rules apply for Styrene Butadiene Section. One company cannot be greater than 50% and no two companies can be greater than 75%. For disclosure rules covering other materials see the back of the cover of the report.*

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THERMOPLASTIC RESINS

MARCH 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
POLYVINYL CHLORIDE & COPOLYMERS *(Dry Resin Content)*, **TOTAL**	655,809	535,242	+22.5	1,577,724	1,370,759	+15.1	571,878	484,336	+18.1	1,435,620	1,331,781	+7.8
Homopolymer Resins including Blending and Latex	588,254	478,113	+23.0	1,408,303	1,210,105	+16.4	515,309	425,248	+21.2	1,285,414	1,168,653	+10.0
Copolymer Resins including Blending and Latex	28,702	26,657	+7.7	68,731	79,232	-13.3	25,576	25,344	+0.9	66,565	71,990	-7.5
Dispersion Resins	38,853	30,472	+27.5	100,690	81,422	+23.7	30,993	33,744	-8.2	83,641	91,138	-8.2
Total Exports	58,773	59,259	-0.8	150,237	161,245	-6.8						
Total Domestic	597,036	475,983	+25.4	1,427,487	1,209,514	+18.0						
Calendering, Total	77,631	57,514	+35.0	184,680	150,076	+23.1						
Flooring	18,107	14,608	+24.0	40,572	37,157	+9.2						
Textile	9,526	5,227	+82.3	25,702	16,742	+53.5						
All Other Calendering Uses	49,998	37,679	+32.7	118,406	96,177	+23.1						
Coating, Total	35,112	24,537	+43.1	89,291	63,491	+40.6						
Flooring	13,635	7,589	+79.7	35,895	19,677	+82.4						
Textile & Paper Coating	12,583	8,543	+47.3	30,218	22,746	+32.9						
Protective Coatings	4,532	4,453	+1.8	11,525	10,268	+12.2						
Adhesives & All Other Coating Uses	4,362	3,952	+10.4	11,653	10,800	+7.9						
Extrusion, Total	370,624	299,810	+23.6	872,358	767,289	+13.7						
Wire & Cable	40,346	29,297	+37.7	91,730	83,208	+10.2						
Film & Sheet	30,574	32,432	-5.7	74,361	75,740	-1.8						
Rigid Pipe & Tubing *(Except Fittings)*	242,186	193,152	+25.4	566,755	501,310	+13.1						
All Other Extrusions	57,518	44,929	+28.0	139,512	107,031	+30.4						
Molding, Total	45,076	35,943	+25.4	114,590	87,540	+30.9						
Bottles	12,187	13,257	-8.1	31,430	23,467	+33.9						
Sound Records	14,171	9,221	+53.7	34,796	29,224	+19.1						
Fittings *(Rigid Pipe & Tubing)*	10,704	9,255	+15.7	27,350	23,305	+17.4						
All Other Molding	8,014	4,210	+90.4	21,014	11,544	+82.0						
Paste Processes *(Except Coating)*	18,408	17,271	+6.6	44,867	43,051	+4.2						
Plastisol Formulation	9,377	7,953	+17.9	23,990	19,832	+21.0						
All Other	9,031	9,318	-3.1	20,877	23,219	-10.1						
Resellers & Compounders	20,502	15,602	+31.4	51,147	39,987	+27.9						
All Other Uses	29,683	25,306	+17.3	70,554	58,080	+21.5						

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MONTHLY STATISTICAL REPORT

THE SOCIETY OF THE PLASTICS INDUSTRY, INC.

(In thousands of pounds, dry weight basis)

THERMOPLASTIC RESINS — MARCH 1983

RESIN KIND & USE	SALES & CAPTIVE USE						PRODUCTION					
	MARCH			YEAR-TO-DATE			MARCH			YEAR-TO-DATE		
	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE	1983	1982	% CHANGE
VINYL ACETATE MONOMER FOR POLYVINYL ACETATE, TOTAL	68,473	50,898	+34.5	163,753	140,944	+16.2						
Total Exports	674	441	+52.8	1,766	1,320	+33.8						
Total Domestic	67,799	50,457	+34.4	161,987	139,624	+16.0						
Emulsion Paints	20,943	14,560	+43.8	50,837	39,376	+29.1						
Adhesives, Caulks and Sealants	26,977	21,255	+26.9	64,013	57,949	+10.5						
Paper Treating & Paper Coating	12,955	8,076	+60.4	29,126	23,809	+22.3						
Textile Treating	1,657	1,488	+11.4	4,284	4,871	-12.1						
Non-Woven Binders	3,025	2,472	+22.4	7,594	6,389	+18.9						
All Other Uses	2,242	2,606	-14.0	6,133	7,230	-15.2						
POLYVINYL ALCOHOL, TOTAL #												
Total Exports												
Total Domestic												
OTHER VINYL RESINS*, TOTAL	15,026	15,625	-3.8	38,453	44,210	-13.0	19,625	15,902	+23.4	46,344	45,839	+1.1
Total Exports	3,256	3,205	+1.6	8,982	9,212	-2.5						
Total Domestic	11,770	12,420	-5.2	29,471	34,998	-15.8						
**Include only polyvinyl butyral, polyvinyl formal, and polyvinylidene chloride.*												
THERMOPLASTIC POLYESTER, TOTAL	56,450	56,374	+0.1	168,965	157,259	+7.4	57,199	53,204	+7.5	161,114	153,559	+4.9
Total Exports	4,888	3,858	+26.7	15,251	11,686	+30.5						
Total Domestic	51,562	52,516	-1.8	153,714	145,573	+5.6						
PET Bottle Grades	38,156	43,102	-11.5	116,064	117,057	-0.8						
All Other Thermoplastic Polyester**	13,406	9,414	+42.4	37,650	28,516	+32.0						

** Includes All Other PET and All Injection Molding Grades.

= Polyvinyl Alcohol has been deleted for disclosure reasons.

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